

SOUTH HADLEY
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	12.06	15	124	Male	6.77	11	162
Female	4.73	8	169	Female	5.83	4	NC*
Total	16.79	23	137	Total	12.60	15	119
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	3.61	7	194	Male	2.22	2	NC*
Female	3.50	2	NC*	Female	2.12	0	NC*
Total	7.11	9	127	Total	4.34	2	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.76	0	NC*	Male	8.98	8	89
Female	73.22	65	89	Female	8.66	6	69
Total	73.99	65	88	Total	17.64	14	79
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	4.78	4	NC*	Male	7.36	10	136
				Female	3.86	2	NC*
				Total	11.21	12	107
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	30.39	31	102	Female	8.83	14	159
Female	30.61	25	82				
Total	61.00	56	92				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	4.21	9	214	Male	4.48	12	268 ~+
Female	1.57	1	NC*	Female	5.01	6	120
Total	5.78	10	173	Total	9.49	18	190 #+
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.64	3	NC*	Male	73.22	55	75 #-
Female	1.59	2	NC*				
Total	3.23	5	155				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	6.68	8	120	Male	5.12	5	98
Female	4.28	2	NC*	Female	3.30	2	NC*
Total	10.95	10	91	Total	8.42	7	83
<u>Larynx</u>				<u>Testis</u>			
Male	4.03	5	124	Male	2.26	5	221

Female	1.17	1	NC*				
Total	5.19	6	116				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	4.90	4	NC*	Male	1.27	3	NC*
Female	4.10	4	NC*	Female	3.89	5	129
Total	9.00	8	89	Total	5.16	8	155
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	2.32	1	NC*				
Female	1.04	1	NC*	Female	14.00	8	57
Total	3.35	2	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	38.17	27	71	Male	236.57	236	100
Female	29.85	20	67	Female	233.36	195	84 #-
Total	68.01	47	69 ~-	Total	469.93	431	92

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels